

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026127**Date Inspected:** 17-Aug-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site

CWI Name:	Mike Johnson		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No N/A
Weld Procedures Followed:	Yes	No N/A
Verified Joint Fit-up:	Yes	No N/A
Approved WPS:	Yes	No N/A
Delayed / Cancelled:	Yes	No N/A
Component:	S.A.S. components	

Bridge No: 34-0006**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI continued to review contract documents and cross reference the submitted weekly welding reports with QA records to identify the overall weld status. This work was in progress at the end of the shift.

The QAI met with the Quality Control Inspector (QCI) Mike Johnson at Pier 7. The QAI was provided a list of parts and was informed that there was an inadvertent shipping of un-released components from the ZPMC fabricator in China. The QAI was informed that these parts were removed from crates and are available for observation. The QAI reviewed the provided shipping lists and made general observations of the parts as they were presented at Pier 7. The QAI noted that these parts appear to be bolt in splice members for the box girder segment 12 to box girder segment 13 field splices. The QAI also noted that these parts include welded / built up members in addition to flat / drilled splice plates. The QAI spoke with the QAI Lead Bill Levell and the Structural Materials Representative (SMR) Nina Choy regarding the observations of welded parts. The QAI was informed that no further actions can be taken until the inspection history from ZPMC can be verified. The QAI relayed to the QCI Mike Johnson that these parts can not be released at this time. See the attached photos of these components.

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Summary of Conversations:

The QAI relayed the status of the document reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By: Croff, Scott

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer